

General Environmental Incident Summary

Incident: 1989 **Date/Time Notice:** 7/17/2013 0715 **DEM Incident No:**
Responsible Party: Dakota Gasification Company

Date Incident: 7/17/2013 **Time Incident:** 07/06/13 **Duration:** 12 days

County: Mercer **Twp:** 145 **Rng:** 88 **Sec:** 25 **Qtr:** SE

Lat: 47.34974 **Long:** -101.83320 **Method:** Derived from TRS

Location Description: Dakota Gasification Company
420 County Road 26
Beulah, ND. 58523

Submitted By: Jacob Dow

Affiliation:

Address:

City:

State:

Zip:

Received By:

Contact Person: Jacob Dow
420 County Rd 26
Beulah, ND 58523

Distance Nearest Occupied Building: 1 Miles

Type of Incident: Tank Leak

Description of Released Contaminant: Cooling water which contains phenol and other organics

Volume Spilled: 52000.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: Unknown

Reported to NRC: Unknown

Cause of Incident:

Failure of the tank when the new clean cooling water system was put into service.

Risk Evaluation:

NA

of Fatalities: 0

of Injuries: 0

Affected Medium: 03 - soil

Potential Environmental Impacts:

Soil and groundwater

Action Taken or Planned:

Spill is contained near the tank. Two sumps are dug into the ground to pump collected water back into the cooling water system. DGC continues to explore options for getting leak under control.

Wastes Disposal Location: Some cooling water went to DGC's storm ponds. Ponds are non-detect for phenol and are no longer receiving cooling water. Recovered cooling water is being pumped into the oily water sewer on plant-site

Agencies Involved:

Updates

Date: 7/17/2013 **Status:** Reviewed - Follow-up Required

Author: Stockdill, Scott

Updated Volume:

Notes:

Spill impacted surrounding area and possibly area wetlands. Follow Up required according to report. Scott Stockdill will be visiting location 7/18/2013.

Date: 7/18/2013 **Status:** Reviewed - Assigned to NDDoH Division

Author: Stockdill, Scott

Updated Volume:

Notes:

Arrived at location on 7-18-13 meeting with Jacob Dow with Dakota Gasification Company.

Toured spill location, current leak rate is 3 gallons/minute. Cause of leak is assumed by Dakota Gasification Company to be a crack in the weld of the holding tank. Spill location is contained to a sump where it is being pumped back into holding tanks. Impacted soil is contained to area immediately adjacent to the holding tank.

Short term plan is to construct a lined sump from which the contaminated water will be pumped to a holding tank cutting off leaking tank from surrounding soil. Mr. Dow has mentioned the installation of a monitoring well to monitor surrounding groundwater for phenols.

Once a plan is developed it will be submitted to Carl Anderson with Water Quality. I (Scott Stockdill) have asked to see the remediation plan for the surrounding impacted soil.

Incident 1989 occurring from the 6th to the 17th of July, 2013 will be forwarded to Carl Anderson in Water Quality.